

Title (en)
A SOLAR WATER HEATING APPARATUS

Title (de)
SOLARWASSERHEIZER

Title (fr)
APPAREIL DE CHAUFFAGE SOLAIRE D'EAU

Publication
EP 3458780 A1 20190327 (EN)

Application
EP 17725751 A 20170519

Priority
• GB 201608955 A 20160520
• GB 2017051411 W 20170519

Abstract (en)
[origin: GB2550429A] A solar water heating apparatus 1 comprises at least one enclosed container 2 configured to hold a volume of water; an open-topped housing 3 configured to receive the container 2, and a top cover 4 configured to close the open top of the housing 3 and to allow the transmission of solar radiation there-through. The container 2 comprising an outer surface having a portion configured to face upwards towards the top cover 4 when the water container 2 is located in the housing 3, the container 2 and housing 3 configured so that the width of the container 2 is greater than the height of the container 2 when the container 2 is located in the housing 3. The housing comprising two outer skins (3a, 3b, fig 5) preferably made of polyethylene with an insulating material such as polyurethane between the skins. Preferably there are multiple parallel containers fluidly connected to allow water to circulate through the containers.

CPC (source: EP GB US)
F24S 10/00 (2018.04 - GB); **F24S 60/30** (2018.04 - EP US); **F24S 80/457** (2018.04 - EP US); **F24S 80/70** (2018.04 - EP); **F24S 2025/011** (2018.04 - EP); **F24S 2080/502** (2018.04 - EP); **Y02E 10/44** (2013.01 - EP)

Citation (search report)
See references of WO 2017199048A1

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Designated extension state (EPC)
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GB 201608955 D0 20160706; GB 2550429 A 20171122; EP 3458780 A1 20190327; WO 2017199048 A1 20171123

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